

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-32. (Canceled)

33. (Currently amended) A wall formed by blocks, wherein a plurality of analogous blocks being overlapped staggeringly and continuously in the wall, comprising:

a block being a longitudinally profiled member, and including a top surface, a bottom surface and two end surfaces; the cross section of the block being substantially of a shape of downward-flared recess; the top surface of said block having a mid ridge higher than two sides of the surface so that a left supporting slope and a right supporting slope being formed, forming the downward-flared recess; said top surface and bottom surface being formed such that: when the block being overlapped with an analogous block thereunder to form the wall, the top surface of the underlying block being engaged with the bottom surface of the upper block, the left and right supporting slopes being used as a blocking structure and interlocking the vertically adjacent blocks;

~~wherein said left supporting slope and the right supporting slope each including a sloped upper slope portion and a lower shoulder, each shoulder having a top shoulder surface, a bottom shoulder surface, and a lateral side surface, the top shoulder surface, the sloped upper slope portion and the mid ridge constituting said top surface, the bottom shoulder surface is horizontal, the bottom shoulder surface and a bottom foot on one side are at the same plane, when the block being engaged with an upper analogous block to form the wall, a projecting portion formed by the sloped upper slope portion being engaged with a downward-flared shaped recess of the upper analogous block, said top surface, constituted by the top shoulder surface, the sloped upper slope portion and the mid ridge supporting the upper analogous block,~~

the blocks being shaped and sized such that: when three analogous blocks being overlapped vertically, a top of a ridge of the bottommost block being higher than a bottom foot of the uppermost block, and

in said wall, masonry joints being formed between the adjacent blocks, horizontal masonry joints being formed by the engagement between the top surfaces and the bottom surfaces, vertical masonry joints being formed by the engagement between the end surfaces, the vertically adjacent vertical masonry joints being arranged staggeringly

wherein

a one-piece pillar being provided in the wall, at least one horizontal outward-extending piece being provided on said pillar;

the horizontal outward-extending piece being a longitudinally profiled member, and including a top surface, a bottom surface and two end surfaces, the cross section of the horizontal outward-extending piece being substantially of a shape of downward-flared recess, the top surface of the horizontal outward-extending piece having a mid ridge higher than two sides of the surface so that left supporting slope and right supporting slope being formed;

one of the end surfaces of the horizontal outward-extending piece being engaged with the pillar;

the other end surface of the horizontal outward-extending piece being engaged with the blocks, the top surface of the horizontal outward-extending piece being engaged with the bottom surface of the upper block, the bottom surface of the horizontal outward-extending piece being engaged with the top surface of the underlying block, a plurality of horizontal outward-extending pieces being arranged separately and orderly on the pillar, said horizontal outward-extending pieces being engaged with the staggeringly overlapped blocks adjacent to the pillar, the left and right supporting slopes of the horizontal outward-extending pieces being used as a blocking structure and making the vertically adjacent blocks to be interlocked.

34. (Canceled)

35. (Currently Amended) The wall according to claim 33 [[34]], wherein

girders being provided in the wall,

a projecting piece being provided on a top surface of one girder, a lower surface of the projecting piece being engaged with the top surface of the one girder, the projecting piece extending to the pillar at a nodal point of two adjacent beams/pillars, and engaging with the

pillar, the projecting piece being engaged with the downward-flared recess of the block, when the block engaging with the top surface of the one girder,

a groove being provided on a bottom surface of another girder, the groove extending to the pillar at the nodal point of two adjacent beams/pillars, the groove being engaged with the top surface of the block, when the block engaging with the bottom surface of the girder.

36. (Previously Presented) The wall according to claim 33, wherein

an isolation layer being provided on one side of the wall, the isolation layer being composed of several isolation sub-layers, the isolation sub-layers being in a same layer arranged in a manner of end to end, the isolation sub-layers being arranged as a vertical layer in a lap joint, a lower isolation sub-layer being interposed between an upper isolation sub-layer and the wall, a joint between the upper isolation sub-layer being staggered with that between the lower isolation sub-layer,

an air gap being formed between the isolation layer and the wall.

37. (Previously Presented) The wall according to claim 33, wherein

said block being in a shape of an elongated plate in a longitudinal direction, a miter wall being formed by staggeringly overlapping the elongated blocks, a vertical masonry joint being formed by the connection of the end surfaces of two blocks, the vertically adjacent vertical masonry joints being disposed in a stagger manner,

the end of the elongated block being supported on a supporting member.

38-40. (Canceled)

41. (Previously Presented) The wall according to claim 33, wherein

the sloped upper slope portion is at an obtuse angle with the lower shoulder, at least a portion of an upper surface of the sloped upper slope portion being in contact with a lower surface of the downward-flared shaped recess of the upper analogous block.

42. (New) The wall according to claim 33, wherein said left supporting slope and the right supporting slope each including a sloped upper slope portion and a lower shoulder, each shoulder

having a top shoulder surface, a bottom shoulder surface, and a lateral side surface, the top shoulder surface, the sloped upper slope portion and the mid ridge constituting said top surface, the bottom shoulder surface is horizontal, the bottom shoulder surface and a bottom foot on one side are at the same plane, when the block being engaged with an upper analogous block to form the wall, a projecting portion formed by the sloped upper slope portion being engaged with a downward-flared shaped recess of the upper analogous block, said top surface, constituted by the top shoulder surface, the sloped upper slope portion and the mid ridge supporting the upper analogous block.

43. (New) A block assembly for forming a wall, comprising blocks and auxiliary blocks, wherein said block being a longitudinally profiled member, and including a top surface, a bottom surface and two end surfaces; the cross section of the block being substantially of a shape of downward-flared recess; the top surface of said block having a mid ridge higher than two sides of the surface so that a left supporting slope and a right supporting slope being formed, forming the downward-flared recess; said top surface and bottom surface being formed such that: when the block being overlapped with an analogous block thereunder to form the wall, the top surface of the underlying block being engaged with the bottom surface of the upper block, the left and right supporting slopes being used as a blocking structure and interlocking the vertically adjacent blocks;

wherein said left supporting slope and the right supporting slope each including a sloped upper slope portion and a lower shoulder, each shoulder having a top shoulder surface, a bottom shoulder surface, and a lateral side surface, the top shoulder surface, the sloped upper slope portion and the mid ridge constituting said top surface, the bottom shoulder surface is horizontal, the bottom shoulder surface and a bottom foot on one side are at the same plane, when the block being engaged with an upper analogous block to form the wall, a projecting portion formed by the sloped upper slope portion being engaged with a downward-flared shaped recess of the upper analogous block, said top surface, constituted by the top shoulder surface, the sloped upper slope portion and the mid ridge supporting the upper analogous block,

the blocks being shaped and sized such that: when three analogous blocks being overlapped vertically, a top of a ridge of the bottommost block being higher than a bottom foot of the uppermost block, and

said blocks being engaged with the auxiliary blocks in the construction of the wall the auxiliary blocks comprising a top surface auxiliary block and a bottom surface auxiliary block, the top surface of the top surface auxiliary block is planar, the bottom surface of the top surface auxiliary block has a same contour as that of the block, the bottom surface of the bottom surface auxiliary block is planar, and the top surface of the bottom surface auxiliary block has a same contour as that of the block.